

[Go to Product page](#)

Datasheet for ABIN6991368
anti-FREM2 antibody (AA 1920-1970)

Overview

Quantity:	0.1 mg
Target:	FREM2
Binding Specificity:	AA 1920-1970
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	FREM2 antibody was raised against a 19 amino acid synthetic peptide near the center of human FREM2. The immunogen is located within amino acids 1920 - 1970 of FREM2.
Isotype:	IgG
Purification:	FREM2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	FREM2
Alternative Name:	FREM2 (FREM2 Products)
Background:	FREM2 Antibody: FREM2 is a member of the FRAS1-related extracellular matrix protein family and like FREM1, mutations in the FREM2 gene are associated with Fraser syndrome. FREM2 localizes to the basement membrane, forming a ternary complex that plays a role in epidermal-dermal interactions during morphogenetic processes and is thought to be required for

Target Details

maintaining the integrity of the skin epithelium and the differentiated state of renal epithelia. The FREM2 gene is one of several genes whose transcription is affected by TFAP2C, a transcription factor involved in mammary development, differentiation, and oncogenesis.

Gene ID: 341640

NCBI Accession: [NP_997244](#)

UniProt: [Q5SZK8](#)

Application Details

Application Notes: FREM2 antibody was raised against a 19 amino acid peptide near the center of human FREM2. Antibody can also be used for immunocytochemistry starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunocytochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: FREM2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: FREM2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.